

## CLAIMS

What is claimed is:

- 5 1. A system for remotely controlling a device wirelessly with a portable computing device, said system comprising:
- a portable computing device for wirelessly transmitting a control signal based on an occurrence of a predefined time; and
- 10 a device for wirelessly receiving said control signal and performing an action corresponding to said control signal.
2. The system as described in Claim 1 wherein said portable computing device comprises a personal digital assistant (PDA).
- 15 3. The system as described in Claim 1 wherein said portable computing device uses a radio frequency (RF) technology to wirelessly transmit said control signal.
- 20 4. The system as described in Claim 3 wherein said radio frequency technology comprises Bluetooth communication technology.
5. The system as described in Claim 3 wherein said radio frequency technology comprises IEEE 802.11 technology.

A 6. The system as described in Claim 3 wherein said radio frequency technology comprises HomeRF technology.

5 7. The system as described in Claim 1 wherein said device comprises a television.

8. The system as described in Claim 1 wherein said device comprises a thermostat.

10 9. The system as described in Claim 1 wherein said device comprises a video cassette recorder (VCR).

15 10. The system as described in Claim 1 wherein said device comprises a coffee maker.

11. The system as described in Claim 1 wherein said device comprises a computer system.

20 12. The system as described in Claim 1 wherein said device comprises a sprinkler system.

A 13. The system as described in Claim 1 wherein said device comprises a security system.

5 14. The system as described in Claim 1 wherein said device comprises a radio.

15. A system for remotely controlling a device wirelessly with a personal digital assistant (PDA), said system comprising:

10 a personal digital assistant utilizing Bluetooth communication technology to wirelessly transmit a control signal based on an occurrence of a predefined time; and a device utilizing Bluetooth communication technology to wirelessly receive said control signal and performing an action corresponding to said control signal.

15 16. The system as described in Claim 15 wherein said device comprises a television.

17. The system as described in Claim 15 wherein said device comprises a thermostat.

20 18. The system as described in Claim 15 wherein said device comprises a video cassette recorder (VCR).



A 27. The system as described in Claim 15 wherein said action comprises adjusting a setting.

5 28. The system as described in Claim 15 wherein said action comprises downloading data.

29. A method for remotely controlling a device wirelessly with a portable computing device, said method comprising the steps of:

10 utilizing a portable computing device to wirelessly transmit a control signal based on an occurrence of a predefined time;

utilizing a device to wirelessly receive said control signal; and

said device performing an action corresponding to said control signal.

15 30. The method as described in Claim 29 wherein said portable computing device comprises a personal digital assistant (PDA).

31. The method as described in Claim 29 wherein said portable computing device uses a radio frequency (RF) technology to wirelessly transmit said control  
20 signal.

32. The method as described in Claim 31 wherein said radio frequency technology comprises Bluetooth communication technology.

33. The method as described in Claim 29 wherein said device is a television, thermostat, video cassette recorder (VCR), coffee maker, or a radio.

5 34. The method as described in Claim 29 wherein said device is a computer system, sprinkler system, or a security system.